Java Phase2 Mentor Session

Servlet is normal Java program which help to create a dynamic web page on server side.

Servlet API (Application programming interfaces).

Servlet 🡪 servlet is an interface which contains 5 method

init, service, destroy, getServletInfo and getServletConfig

init, service and destroy is known as life cycle method.

class MyServlet implements Servlet {

We have override all 5 methods.

}

GenericServlet : it is a type of abstract class which internally implements Servlet interface and provided body for all method except service method.

class MyServlet extends GenericServlet {

service methods.

}

HttpServlet :it is a type of abstract class which internally extends GenericServlet and provided body for service method and provide extra method in the form of doXXX like doGet or doPost

class MyServlet extends HttpServlet {

doGet or doPost

}

MVC : Model View Controller

View -🡪 JSP or HTML

Controller 🡪 Servlet

Web project 2.5 web.xml file mandatory

Web project 3.x onward web.xml file optional

So we are provided url pattern using @WebServlet annotation .

Session Tracking : collection of http request and response within a particular period of time is known as session.

When we open any application

JWT : JSON Web Token

Flight

FI A001 A002 A003 A004 PK

FName Indigo spicejet newwork dabi

PlaceId 1101 1101 1102 1103 FK

Price 5999 6999 5899 6799 8500

Date 17-Aug 18-Aug 17-Aug 19-Aug 18-Aug

Seats 55 62 66 65 52

Places

PId 1101 1102 1103 1104

Source Bangalore Pune Mumbai Bangalore

Destination Delhi Delhi Delhi Mumbai

Date

Source

Destination

NumberOfTicket

You have to display all those flight details base upon search option

It may 0 or 1 or many

Book :

Flight Id FlightName Price

Person Name

NumberOfTicket

Booking Table

Bid

Fid

Person name

numberOfTicket

total amount